Statement

Details of transmission projects along with project wise fund requirement from world Bank and ADB

All Figures in Rs. Crore

Name of the Project	Total approved Cost	Funding under loan from The World Bank
Transmission system associated with Barh project	3160	1180
Sipat-II supplementary transmission system	814	0
North-West Transmission Corridor strengthening scheme	483	40
East-West Transmission Corridor strengthening scheme	804	252
Western Region System Strengthening Scheme-II	5221	2160
Eastern Region System Strengthening Scheme-I	976	368
GRAND TOTAL	11458	4000

Funding of projects under the new loan from ADB

Name of the Project	Tentative Cost	Proposed funding under loan from ADB
Transmission system associated with Tehri Pumped Storage Plant	1589	1140
North Eastern-Northern/Eastern Region Interconnector-I Project	9962	1260
GRAND TOTAL	11551	2400

Targets for power generation

3659. SHRI DARA SINGH:
SHRI RAMDAS AGARWAL:

Will the Minister of POWER be pleased to state:

(a) whether the Ministry has failed to achieve the target set for power generation during 8th, 9th and 10th Five Year Plans;

(b) what was the target set for capacity addition against each of the above mentioned Plan, indicating the exact achievement/capacity-addition, in megawatts, made during those Plans; and

(c) the details of Government's plan to reverse the trend by achieving the target of 79,000 megawatts during the current Five Year Plan?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) The targets for power generation are decided on year to year basis. The year wise details of actual power generation in the country *vis-a-vis* target and achievement (%) during 8th, 9th and 10th Plans are given below:

Year	Target(BU)	Actual Generation(BU)	Achievement (%)
8th Plan			
1992-93	302.7	301.0	99.5
1993-94	316.7	323.5	102.2
1994-95	352.0	351.0	99.7
1995-96	377.1	380.0	100.8
1996-97	400.0	394.8	98.7
TOTAL	1748.5	1750.3	100.1
9th Plan			
1997-98	429.0	420.6	98.0
1998-99	450.0	448.3	99.6
1999-2000	469.0	480.6	102.5
2000-01	500.7	499.5	99.8
2001-02	539.5	515.2	95.5
TOTAL	2388.2	2364.2	99.0
10th Plan			
2002-03	545.5	531.6	97.4
2003-04	572.9	558.3	97.5
2004-05	586.4	587.4	100.2
2005-06	621.5	617.5	99.4
2006-07	663.0	662.5	99.9
TOTAL:	2989.3	2957.3	98.9

(b) The all India capacity addition targets and achievements during 8th, 9th and 10th Plan are given as under:

Plan	Targets(MW)	Achievements (MW)	Achievements (%)
8th (1992-1997)	30538	16423	53.8
9th (1997-2002)	40245	19119	47.5
10th (2002-2007)	41110	21180	51.5

(c) A capacity addition programme of 78,577 MW has been proposed for the 11th Plan; out of which about 50% has been envisaged in the Central Sector. The steps taken for timely commissioning of 11th Plan generation projects include:-

* Ministry of Power has been actively interacting with and monitoring the State Governments, BHEL as well as State Power Utilities for giving an impetus to capacity addition. The capacity addition programme was discussed in the Chief Secretaries' Conference held on 23rd-24th April, 2007 and the Chief Ministers' Conference held on 28th May, 2007 wherein *inter-alia* early placement of orders for power projects proposed to be commissioned during the 11th Plan was emphasized. In the Chief Ministers' conference, it was resolved that the Centre and State would ensure timely placement of orders for all the projects intended to give benefit during the 11th Plan and ensure regular monthly projects monitoring for their timely commissioning along predetermined milestones. A meeting of Group of Ministers chaired by Minister of Power was held on 24th September, 2007 wherein it was decided to set up a Task Force on hydro power project development. Detailed State-wise discussions were held with regard to accelerated power generation capacity addition for the 11th Plan. Subsequently, a follow-up meeting of Chief Secretaries of States was held on 19th February, 2008 wherein expeditious completion of ordering of all the 11th Plan power generation projects was emphasized. This matter was again discussed in the Chief Secretaries' Conference convened on 22nd April, 2008. According to the current status of projects, 9,263 MW has already been commissioned during the year 2007-08 and projects of 62,847 MW capacity are under construction. A new hydro policy has been notfied which would among other things also attract private investments.

* According to information received from Bharat Heavy Electricals Limited (BHEL), it has enhanced its capacity to deliver 10,000 MW of main plant equipment per annum. Furthermore, they have put in place an action plan to enhance capacity to deliver 15,000 MW per annum by December, 2009.

* A Joint Venture Agreement has been signed between NTPC Ltd. and BHEL to take up work related to Engineering, Procurement and Construction (EPC) for power plants and other infrastructure projects. NTPC Ltd. has also entered into an MoU with Bharat Forge Limited to promote a joint venture company initially to take up the manufacture of castings, forgings, fittings and high pressure pipings.

* All stakeholders have been sensitized towards enlarging the vendor base so as to meet the Balance of Plant (BoP) requirements.

* To address the issue of shortage of manpower, Ministry of Power has taken 'Adopt an Industrial Training Institute (ITI)' initiative and power project developers have been asked to adopt an ITI in the vicinity of the project area to build the skilled and semi-skilled work force required for the projects.

* The monitoring mechanism has been made more robust. The Central Electricity Authority has got a nodal official associated with each on-going project who continuously monitors the progress at site through frequent visits and continuous interaction. Steps have been taken to constitute a Power Project Monitoring Panel (PPMP).

Electricity to agriculture sector

†3660. SHRI LALIT KISHORE CHATURVEDI: Will the Minister of POWER be pleased to state:

(a) in how many States in the country electricity is being provided to the agriculture sector 24 hours, 18 hours and 12 hours daily;

(b) the details thereof during the last three years, including during the current session;

(c) whether there is any plan for making electricity available 24 hours to farmers for agricultural works; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) According to the information available with Central Electricity Authority, electricity was supplied by the States to the agriculture sector for 19-24 hours, 13-18 hours and 0-12 hours during 2005-06 to 2007-08 as per details given below:

Supply of Electricity to Agriculture Sector (2005-06)

Number of hours	Number of States/UTs	States
19-24	11	Chandigarh, Delhi, Himachal Pradesh, Uttarakhand, Chhattisgarh, Goa, Kerala, Puducherry, Jharkhand, Orissa and West Bengal.
13-18	4	Uttar Pradesh, Maharashtra, Tamil Nadu and Bihar
0-12	7	Haryana, Punjab, Rajasthan, Gujarat, Madhya Pradesh, Andhra Pradesh and Karnataka.

†Original notice of the question was received in Hindi.